

WATER REQUIREMENT

-AT FIELD ELEVATION
-WITHIN 100' OF FIELD
-DOWNSTREAM OF
-BACKFLOW IS 96 GPM @ 90
PSI

IRRIGATION LEGEND

- PRODUCT DESCRIPTION
- HUNTER I40-04-SS-ON-XX-I40-06-SS-ON-XX NOZZLE AS SHOWN
 - HUNTER I40-04-SS-XX-I40-06-SS-XX NOZZLE AS SHOWN
 - HUNTER I40-04-SS-HS-XX-I40-06-SS-HS-XX NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:
- #41 @ 80 PSI - 13.0 GPM 53' RADIUS
 - #42 @ 80 PSI - 13.2 GPM 56' RADIUS
 - #43 @ 80 PSI - 17.3 GPM 61' RADIUS
 - #44 @ 80 PSI - 23.4 GPM 66' RADIUS
 - #23 @ 80 PSI - 24.0 GPM 67' RADIUS
- ⊗ HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZED AS SHOWN
 - ⊗ HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
 - ⊗ HUNTER ACC-1800 SOLID STATE METAL CABINET CONTROLLER
 - ⊗ HUNTER SOLAR-NS-SEN-ON SITE WEATHER SENSOR
 - ⊗ WATER METER MINIMUM SIZE @ 96 GPM IS 2.0"
 - ⊗ BACKFLOW PREVENTER SIZED TO SYSTEM GPM
- MAINLINE PIPE
- LATERAL PIPE
- == SLEEVING
- ⊗ ISOLATION VALVE LINE SIZED
- ⊗ HUNTER FLOW SENSOR IN LINE SIZED FLOW CLK TEE "FCT"

IRRIGATION NOTES

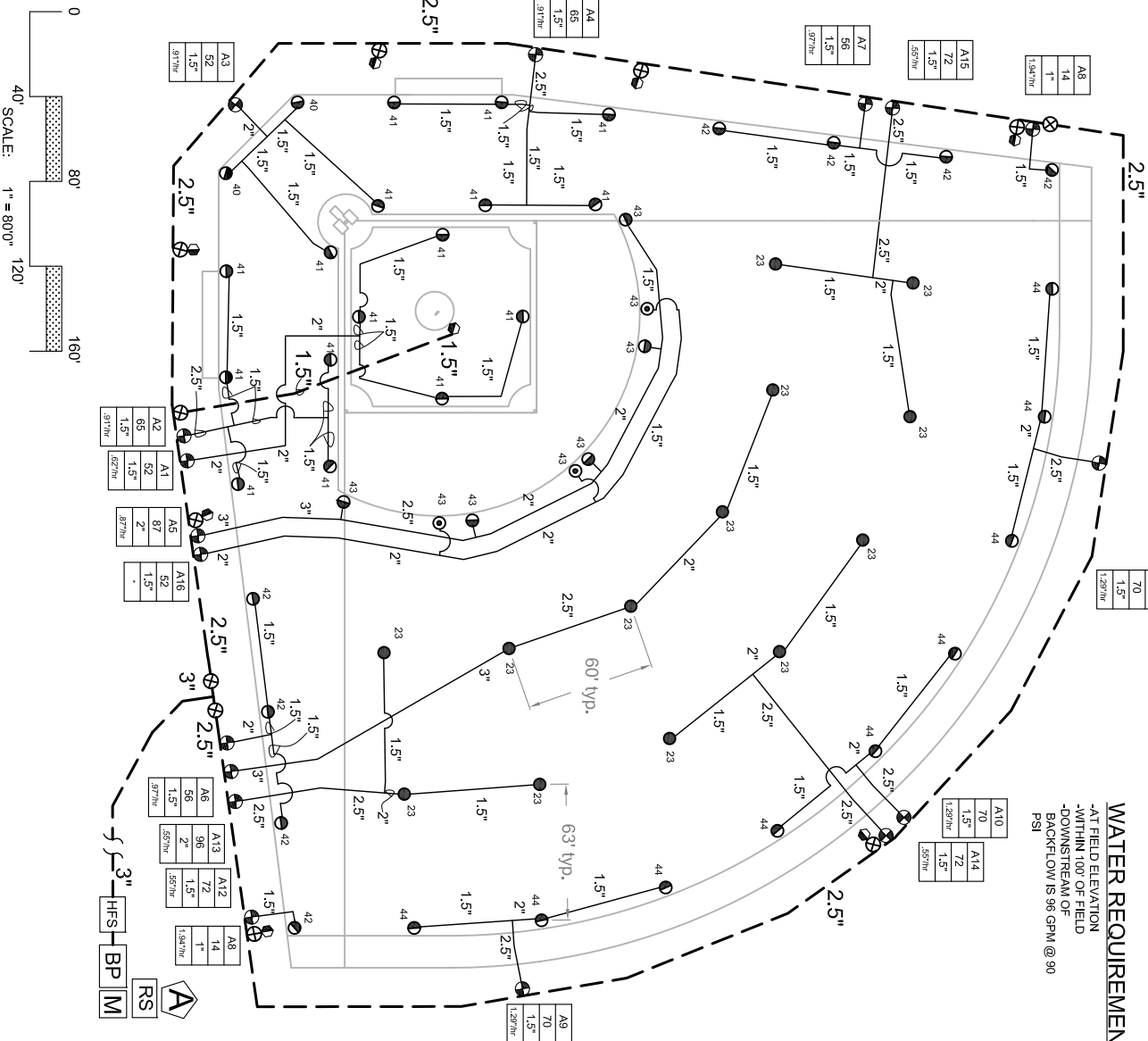
1. SPRINKLER LOCATIONS ARE TO SCALE
2. PIPE LOCATIONS ARE DIAGRAMATIC
3. ALL SPRINKLERS TO BE INSTALLED ON 1" SCH 80 SWING JOINTS
4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
5. MAINLINE DEPTH TO BE NO LESS THAN 18"
6. LATERAL DEPTH TO BE NO LESS THAN 16"
7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
8. LOCATE VALVES/ICV'S OUT OF HIGH TRAFFIC AREAS
9. WIRE SPLICE CONNECTIONS TO BE WATERPROOF
10. QCV TO BE LOCATED IN 10" VALVE BOX
11. ALL SLEEVES TO BE 2X PIPE RUN THROUGH THEM
12. INSTALL ALL COMPONENTS AS PER LOCAL, STATE, FEDERAL CODES
13. REFER TO HUNTER INSTALLATION DETAILS
14. REFER TO HUNTER CATALOG FOR PERFORMANCE SPECIFICATIONS
15. ADD HUNTER "FS" FOR DIRTY WATER VALVE
16. ADD HUNTER "AS" FOR PRESSURE REGULATED VALVE

VALVE ID GUIDE

STATION NUMBER	SIZE	FLOW	PR	DU	SC
A1	1.5"	52	62"	7.4	1.3
A2	1.5"	65	.91"	.85	1.2
A3	1.5"	52	.91"	.82	1.3
A4	1.5"	65	.91"	.85	1.2
A5	2"	87	.87"	.84	1.2
A6	1.5"	56	.97"	.88	1.1
A7	1.5"	56	.97"	.88	1.1
A8	1.5"	56	.97"	.88	1.1
A9	1.5"	56	.97"	.88	1.1
A10	1.5"	70	1.29"	.80	1.3
A11	1.5"	70	1.29"	.80	1.3
A12	1.5"	72	.55"	.81	1.3
A13	2"	96	.55"	.81	1.3
A14	1.5"	72	.55"	.81	1.3
A15	1.5"	72	.55"	.81	1.3
A16	1.5"	52	.55"	.81	1.3

SYSTEM PERFORMANCE DATA

STATION NUMBER	SIZE	FLOW	PR	DU	SC
A1	1.5"	52	62"	7.4	1.3
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Hunter®

OFFICIAL BASEBALL FIELD
I-40 FOUR ROW DESIGN
LOOPED MAINLINE

Hunter Industries
1940 Diamond Street
San Marcos, California 92078
SpecPro Technical Assistance
1-800-319-4796
www.HunterIndustries.com

SHEET
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